



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

July 16, 2025

Andy Chasteen
Medford School District
900 Kenyon St
Medford, OR 97501
TEL: 541-842-3646
FAX 541-842-1160

RE: North Medford HS New Faucet

Order No.: 25070212

Dear Andy Chasteen:

Neilson Research Corporation received 3 sample(s) on 7/3/2025 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra Schmedemann
Director of Project Management
245 S Grape St
Medford, OR 97501



Original



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Case Narrative

WO#: 25070212
Date: 7/16/2025

CLIENT: Medford School District

Project: North Medford HS New Faucet

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

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Analytical Report

WO#: 25070212

Date Reported: 7/16/2025

Medford School District
900 Kenyon St
Medford, OR 97501

Lab Order: 25070212
Received Date: 7/3/2025 1:19:00 PM
Reported Date: 7/16/2025 3:30:28 PM

Sample Information:

Lab ID: 25070212-01 **Client Sample ID:** Adj to TA-1 Men's RR NW Sink 2
Collection Date: 7/3/2025 7:10:00 AM **Collected By:** Andrew Lee
Matrix: Drinking Water **Sample Location:** Adj to TA-1 Men's RR NW Sink 2

Trace Metals by EPA 200.8 ICP-MS							Analyst; KN	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	59.9	*1	0.500	ppb	1	7/8/2025	15.0	A

Lab ID: 25070212-02 **Client Sample ID:** Adj to TA-1 Men's RR SW Sink 3
Collection Date: 7/3/2025 7:15:00 AM **Collected By:** Andrew Lee
Matrix: Drinking Water **Sample Location:** Adj to TA-1 Men's RR SW Sink 3

Trace Metals by EPA 200.8 ICP-MS							Analyst; KN	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	9.98	1	0.500	ppb	1	7/8/2025	15.0	A

Lab ID: 25070212-03 **Client Sample ID:** Adj to TA-1 Men's RR SE Sink 4
Collection Date: 7/3/2025 7:15:00 AM **Collected By:** Andrew Lee
Matrix: Drinking Water **Sample Location:** Adj to TA-1 Men's RR SE Sink 4

Trace Metals by EPA 200.8 ICP-MS							Analyst; KN	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	13.4	1	0.500	ppb	1	7/8/2025	15.0	A

QUALIFIERS	*	Value exceeds Maximum or Minimum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode
	DF	Dilution Factor	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	MI	Recovery outside control limits due to Matrix Interference	ND	Not Detected at the Reporting Limit
	R	RPD outside accepted recovery limits	RL	Reporting Limit

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



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QC SUMMARY REPORT

WO#: 25070212
17-Jul-25

Client: Medford School District
Project: North Medford HS New Faucet

TestCode: LEAD_SCHOOLS

Sample ID: MB-32015	SampType: MBLK	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/8/2025	RunNo: 60896
Client ID: PBW	Batch ID: 32015	TestNo: E200.8	E200.8	Analysis Date: 7/8/2025	SeqNo: 1000511
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.500

Sample ID: MB-32015	SampType: MBLK	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/8/2025	RunNo: 60896
Client ID: PBW	Batch ID: 32015	TestNo: E200.8	E200.8	Analysis Date: 7/8/2025	SeqNo: 1000512
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead ND 0.500

Sample ID: LCS-32015	SampType: LCS	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/8/2025	RunNo: 60896
Client ID: LCSW	Batch ID: 32015	TestNo: E200.8	E200.8	Analysis Date: 7/8/2025	SeqNo: 1000513
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 106 0.500 100 0 106 85 115

Sample ID: 25070212-01AMS	SampType: MS	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/8/2025	RunNo: 60896
Client ID: Adj to TA-1 Men's R	Batch ID: 32015	TestNo: E200.8	E200.8	Analysis Date: 7/8/2025	SeqNo: 1000515
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead 166 0.500 100 59.9 106 70 130

Qualifiers: * Value exceeds Maximum or Minimum Contaminant Level.
H Holding times for preparation or analysis exceeded
RL Reporting Limit

C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference

DF Dilution Factor
ND Not Detected at the Reporting Limit

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QC SUMMARY REPORT

WO#: 25070212
17-Jul-25

Client: Medford School District
Project: North Medford HS New Faucet

TestCode: LEAD_SCHOOLS

Sample ID: 25070212-01AMSD	SampType: MSD	TestCode: LEAD_SCHO	Units: ppb	Prep Date: 7/8/2025	RunNo: 60896						
Client ID: Adj to TA-1 Men's R	Batch ID: 32015	TestNo: E200.8	E200.8	Analysis Date: 7/8/2025	SeqNo: 1000516						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	163	0.500	100	59.9	103	70	130	166	1.58	20	

Qualifiers: * Value exceeds Maximum or Minimum Contaminant Level.
H Holding times for preparation or analysis exceeded
RL Reporting Limit

C1 Sample container temperature is out of limit as specified at testcode
MI Recovery outside control limits due to Matrix Interference

DF Dilution Factor
ND Not Detected at the Reporting Limit

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Sample Log-In Check List

Client Name: MedfordSchoolDist

Work Order Number: 25070212

RcptNo: 1

Logged by: Ashley Spiegelberg 7/3/2025 1:19:00 PM
Completed By: Victoria Schleicher 7/7/2025 9:30:44 AM
Reviewed By: Dorie Evans 7/16/2025 3:28:26 PM

am
V Schleicher
D. Evans

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes ☐ No ☐ NA ☒
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒ NA ☐
No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☐ NA ☒
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☒ No ☐ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ HNO₃ pH<2
No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
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Chain of Custody Record

Page 1 of 3

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Section A Required Client Information

Company: MSD 549C
Address: 900 Kenyon St.
Medford, OR 97501
Email: seth.barry@medford.k12.or.us
Phone: 541-601-5183 Fax:
Collected By (Print): Andrew R. Lee
Collected By (Sign): [Signature]
Email Report x Yes ___ No Mail Report ___ Yes ___ No
Fax Report ___ Yes ___ No

Section B Required Project Information

Project Name: North Medford H.S.
Project Number: New Exhausts
Report To: andy.chasteen@medford.k12.or.us
Copy To: larry.anderson@medford.k12.or.us

Section C Invoice Information

Attention: Accounting
Company Name: Medford School District
Address: 900 Kenyon St.
Medford, OR 97501
P.O. # P123000

Section D Rush Status (Subject to Scheduling)

Standard 10-14 Days
___ 5 Business Days (50% surcharge)
___ 3 Business Days (75% surcharge)
___ 24 - 48 hours (100% surcharge)
___ Other
Authorized ___ Yes ___ No

Section E Sample Information

Sample ID			Bottle	Matrix*	Date Collected	Time	No. of Containers											Remarks/Field Data	NRC Sample # (Lab Use Only)
Adjacent to TA-1 Mens RR (W/ing 2)	1	6497	DW	7/3/25	7:10	1										01			
Adjacent to TA-1 Mens RR SW sink (3)	1	7020	DW	7/3/25	7:15	1										02			
Adjacent to TA-1 Mens RR SE sink (4)	1	9105	DW	7/3/25	7:19	1										03			
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- A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
 - A-LL The total low level alkalinity results are to a pH endpoint of 4.3-4.7 pH units per SM 2320 B.
 - B Analyte detected in the associated method blank.
 - C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
 - C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
 - CF Results confirmed by re-analysis.
 - CU Cleanup performed as specified by method.
 - E Estimated value.
 - ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
 - FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
 - HP Sample re-analysis performed outside of method specified holding time.
 - HR Sample received outside of method specified holding time.
 - HS Sample analyzed for volatile organics contained headspace.
 - HT At the client's request, the sample was analyzed outside of method specified holding time.
 - H Analysis performed outside of method specified holding time.
 - J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
 - L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
 - MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
 - N See Case Narrative on page 2 of report.
 - Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS), and/or matrix spikes exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
 - R Relative percent difference (RPD) is outside of the accepted recovery limits.
 - R1 The numerical difference between the parent sample and the duplicate (DUP) is outside of the accepted recovery limits. Greater than 5 degrees for Flashpoint, or greater than 0.1 pH units for pH.
 - R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
 - R4 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
 - R5 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30% because the results are too low to represent proper statistical error. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series. The sample results are not affected.
 - R6 The difference between the BOD/CBOD results for the highest and lowest dilution used for the calculation is >30%. This may indicate a possible matrix interference. The BOD/CBOD sample result is an average of all qualified bottles for each dilution series.
 - S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
 - S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
 - SC Sub-contracted to another laboratory for analysis.
 - SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
 - * Value exceeds Maximum Contaminant Level or is outside the acceptable range.<<>>
 - 1 Value exceeds one half of the Maximum Contaminant Level.